

CLAIMS:

Sub
A247 1. A surface inspection system for work boards comprising;
a line sensor for one-dimensionally imaging an elongated work

5 board;

a velocity-measuring means for measuring a moving velocity of
the work board;

a sampling control means for controlling the sampling of said
line sensor on the basis of the moving velocity of the work board
10 to be measured by said velocity-measuring means; and

an image-composing memory for composing an output of said line
sensor to obtain a two-dimensional image data.

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B17 2. The surface inspection system for work boards according to
claim 1, wherein said velocity-measuring means measures the
15 rotational velocity of a transferring roller for transferring the
work board.

3. The surface inspection system for work boards according to
claim 1, which further comprises a controlling means to correct the
image data on the basis of the degree of a slant of the work board.

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A27 4. The surface inspection system for work boards according to
claim 1, which further comprises a transmitting means for assigning
a transmission channel to every work board, assembling said image
data into a transmission packet and transmitting said transmission
packet.

25 5. The surface inspection system for work boards according to
claim 1, which further comprises a detecting means for detecting
the work board on a work line, a time-measuring means for measuring
a detected time when the work board is detected by said detecting
means, and an identifying means for identifying the work board by

means of said detected time measured by said time-measuring means.

6. A surface inspection system for work product comprising;
a detecting means for detecting a work product on a work line;
a time-measuring means for measuring a detected time when the
5 work product is detected by said detecting means; and
an identifying means for identifying the work product by way
of said detected time measured by said time-measuring means.

7. The surface inspection system for work product according to
claim 6, wherein said detecting means detects going-into of the
10 work product and going-out from the prescribed manufacturing
process.

8. The surface inspection system for work product according to
claim 6, wherein said detecting means detects a leading and a
trailing end portion of the work product to be transferred.

9. The surface inspection system for work product according to
claim 6, wherein said identifying means identifies the work product
by a manufacturing process and the time when the work product has
passed through said manufacturing process.

10. The surface inspection system for work product according
20 to claim 6, wherein said identifying means identifies the image
data of the work product going out from a manufacturing process by
said manufacturing process and the time when the work product has
passed through said manufacturing process.

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